

PATENT

No. 423594
DATE NOV 7 1944

PATENT OFFICE

4 APPLICATION FOR PATENT

No. 502565

FILED May 17, 1943

McGraw

APPLICANT

LEE ANDERSON

ATTORNEY

PETHERSTONHAUGH & CO.,

C. P. R. BLDG.,

WINNIPEG, MAN.

INVENTION

AUTO SKIS

ACTION

Acknowledged by Circular 1, and receipt mailed. *May 27, 1943*

*Sup. try. al. B. D. McGraw. Cir. 2- June 1/43 let. app. reg. o. c. d.
trial 3/4/44 let. + 2000 Sept. 5/18/44 REC. M.L.D. SEP 1 1944*

FEES RECEIVED

FILING FEE \$ 15.00
ADDITIONAL CLAIMS \$
REINSTATEMENT FEE \$
RESTORATION FEE \$
FINAL FEE \$ 2.00

ASSIGNMENT
FEES

(1) \$
(2) \$
(3) \$

CARDBOARD DRAWINGS

G.B.D.

CONVENTION

PET'N OATH COPY

FOR ISSUE

PATENT MAILED

NOV 7 1944

BEST AVAILABLE COPY

COST OF COPIES

PETITION

4
My invention relates to a ski assembly especially ⁴²³⁵⁹¹

designed for attachment to the front wheels of automobiles
for winter use, an object of the invention being to provide
an assembly of the character herewithin described which
5 is conspicuously simple in itself, light in weight, easy
to attach and detach, which will greatly improve the performance
of an automobile under winter driving conditions, which will
stabilise the front end of the automobile against skidding,
10 will permit the automobile to traverse territory that could not
otherwise be traversed, and which may be attached either
against the tires of the front wheels of an automobile, or
directly to the rims thereof.

With the above more important object in view and such other
minor objects as may appear as the specification proceeds,
15 my invention consists essentially in the arrangement and
construction of parts all as hereinafter more particularly
described, reference being had to the accompanying drawings,
in which:-

Figure 1 is a side elevation of my automobile ski
20 assembly. ✓

Figure 2 is a section on the line 2-2 of Figure 1.

In the drawings like characters of reference indicate
corresponding parts in the different figures.

My assembly comprises the ski member 1, which it
25 will be noted is curved upwardly at both the front and rear
ends thereof, the ski being turned upwardly at the rear end
thereof to facilitate "backing up". Approximately centrally
of the ski I secure the cradle block 2, the upper surface of
which is semi-circular and rounded transversely to receive
30 the tire 3 of the automobile wheel 4.

Straps 5 extend through the apertures 6 in the block 2, and fastened around the rim of the tire between the spokes 7. If it is desired to attach my assembly directly to the rim, it is perfectly practicable so to do.

5 The overall length of my assembly is preferably in the order of 36 inches for the average automobile, although this may be varied within wide limits within the scope of my patent rights.

10 Centrally upon the under surface 8 of the ski 1 is positioned a slender, elongated direction stabiliser in the form of a pipe or tubular member 9, this member being seated in a longitudinally extending groove 10 of half-round cross-section as clearly illustrated in the accompanying Figure 2.

15 My direction stabiliser is flattened at the front and rear ends 11 and 12 thereof, so that it tapers towards, and merges into the front and rear end under surfaces of the ski.

20 With such a direction stabiliser as herein described, I am able to maintain an automobile in the direction in which it is intended to travel, being at the same time able to turn the same to right or left to the immediate response of the steering mechanism when desired.

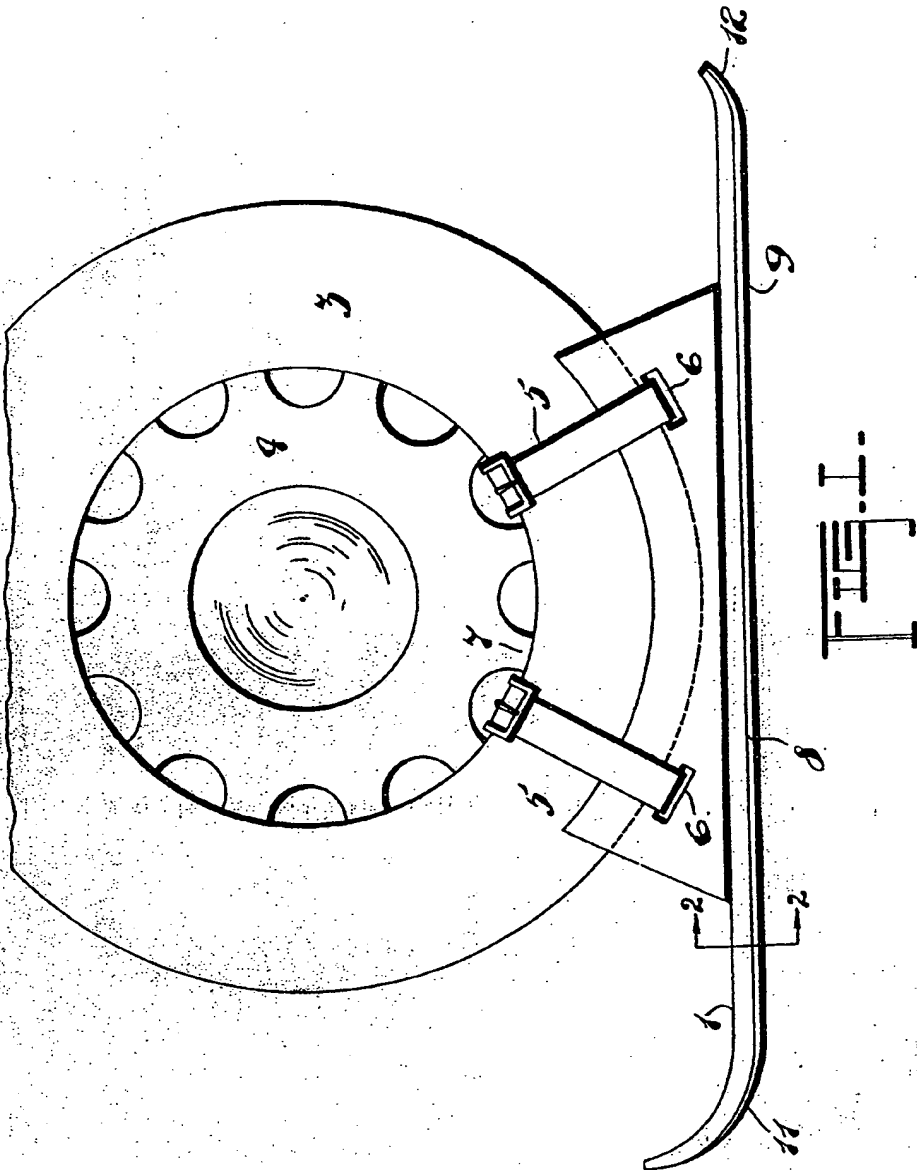
25 Since various modifications can be made in my invention as hereinabove described and many apparently widely different embodiments of same made within the scope of the claim without departing from such spirit and scope, it is intended that all matter contained in the accompanying specification shall be interpreted as illustrative
30 only and not in a limiting sense and I desire only such limitations placed thereon as are specifically expressed in the accompanying claim.

6

Having regard to the foregoing disclosure, the patent of which this specification forms part confers, subject to the conditions prescribed in the Patent Act, 1935, the exclusive right, privilege and liberty of making, constructing, using and vending to others to be used, the invention as defined in the claim submitted by the patentee as follows:-

(1) A ski assembly for attachment to the front wheels or rims of automobiles, comprising in combination a ski curved upwardly at both ends thereof, a cradle block secured to said ski, the said wheel or rim resting in said block, strap means for attaching said ski assembly to said wheel or rim, and a direction stabiliser on the under surface of said ski consisting of a slender, elongated, cylindrical member seated in a longitudinally extending groove, said member tapering towards the under surface of said ski at the ends thereof.

423591



Applicant:-
Lee Anderson.

Certified to be the drawing referred
to in the specification hereunto annexed.
Jorgway Sackatohuan
May 13th 1943

Dutersonhaugh & Co
his Atty's.

BEST AVAILABLE COPY